PTO/SB/08A (10-01) |
Approved for use through 10/31/2002, OMB 0651-0001
U.S. Petent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
U.S. Petent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Ubits the Provincia Reduction Act of 1995, no services are posited in asserted to a content of information unless a contains a variet OMB control number.

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Complete if Known Application Number 10/764,482 Filing Outs 01/27/04 Tsuneaki FURUKAWA First Named Inventor Group Art Unit Exeminer Namo

SE-US045005

JUN 23 2004

CANDALET OF

(use as many sheets as necessary) Sheet 1 of 2

Attorney Docket Number

| U.S. PATENT DOCUMENTS | | | | | | | | | |
|-----------------------|---------------|--------------------------------------------|-----------------------------|-----------------------------------------------------|---------------------------------------|--|--|--|--|
| Example: | Cias No. | Document Number | Publication Date NM-DD-YYYY | Name of Patentine or Applicant of Cited Document | Peges, Coherns, Lines, Where Rolleyed | | | | |
| O TOTAL | | Number - Kind Code ² (if known) | | | Pesseges or Relevant Figures Appear | | | | |
| | | US | | | | | | | |
| | | US | | | | | | | |
| | | US- | | | | | | | |
| | | us- | | | | | | | |
| | | US- | | | | | | | |
| | | us- | | | | | | | |
| | | US- | | | | | | | |
| | | US- | | | | | | | |
| | | US- | | | | | | | |
| | | US- | | | | | | | |
| | | US- | | | | | | | |
| | | US- | | | | | | | |
| | | US- | | | | | | | |
| | | US | | | | | | | |
| | | US- | | | | | | | |
| | | US- | | | | | | | |
| | | US- | | | | | | | |
| | | US | | | | | | | |
| | | US- | | | | | | | |
| $\overline{}$ | $\overline{}$ | US- | | | | | | | |

| | _ | FOREIGN PA | TENT DOCU | IMENTS | | |
|----------------------|--------------------------|-------------------------------------------------------------------------------------|-----------------------------------|--------------------------------|----------------------------------------------------|----|
| Examiner tritiab* | 03- | Foreign Patent Document | | Name of Patentee or | Pages, Columns, Lines, | |
| | Cito No. ¹ | Country Code ⁹ - Number ⁶ - Kind Code ⁵ (If known) | Publication Date MM-DQ-YYYY | Applicant of Cited Document | Where Relevant Passages or Relevant Figures Appear | Ψ. |
| 311 | | JP-29-13590-U | 10-18-1924 | IMAMURA | | N |
| 5H | | JP-05-30238-B | 4-28-1986 | KAMIYAMA | | N |
| 3H | | EP-0361013-A | 04-04-1989 | GALIE et al. | | K |
| 411 | | JP-05-66588-U | 09-03-1993 | SHIMURA | | ¥ |
| 3H | | JP-2555141-U | 09-21-1993 | KAMIYAMA et al. | | |
| 3K | | JP-2595941-Y | 08-05-1994 | MOCHIDA | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

| Examiner Signature | Sin | Marsen | Date Considered | 1/10/06 |
|-----------------------|-----|--------|--------------------|---------|
| | | | | |

EXAMINER: Initial if reference considered, whether or not citation is in continuence with MPEP 609. Draw line through citation if not in continuence and not considered, include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case.

Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Petent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.uspto.gog or MPEP 801.04. Applicants unique casion designation number (opuonal). "See kinds codes of USHIO Patient Decuments at <u>www.uspre.por</u> or number (opuonal)." See kinds CS.). "For Japanese patent documents, the indication of the year of the Emperor must precede the serial number of the patent document. Vind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. "Applicant is to place a check must here if English language Translation is attached.

PTO'SBA88(10-01)

Approved for use through 10/31/2002, OMB 0651-0031

U.S. Patent end Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a coborbin of internation unless it contains a valid OMB control number

| Substituti | for form 1449A/P | то | <u> </u> | | Complete if Known |
|------------|------------------|----------|------------|------------------------|-------------------|
| INEC | DESATION | LOIG | CLOCUDE | Application Number | 10/764,482 |
| | | | CLOSURE | Filing Date | 01/27/04 |
| SIA | FMENT | BY A | PPLICANT | First Named Inventor | Tsuneaki FURUKAWA |
| | | | | Group Art Unit | |
| | (use as many si | heets es | necessary) | Examiner Name | |
| Sheet | 2 | of | 2 | Attorney Docket Number | SE-US045005 |

| xaminer | Cite No.1 | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T, |
|---------|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|
| SK | | Seksinotokal (or World Writs) Watch Time Spec), August 20, 2004, Page 28, No.58, World Photo Press, Japan | N |
| \geq | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| / | | | |

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw the through citation if not in conformance and not considered, include copy of this form with next communication to epplicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case.

Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Petent and
Trademark Office, Washington, DC 20231, DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant
Commissioner for Patents, Washington, DC 20231.

^{*} Unique effetion designation number (optional). * Applicant is to place a check mark here if English tenguage Translation is ottached.

PTO/SB/08A (10-01)

Approved for us, excusin 10/31/2002. OMB 0851-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a catection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

APR 1 4 2004

& DADENIE

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Complete if Known Application Number 10/764,482 Filing Data January 27, 2004 First Named Inventor Tsuneaki FURUKAWA Group Art Unit Examiner Name **Attorney Docket Number** SE-US045005

(use as many sheets as necessary) Sheet

| | | | U.S. PATENT | DOCUMENTS | |
|---------------|--------------|--------------------------------------------|------------------|-----------------------------------------------------|-------------------------------------|
| | 635 | Document Number | Publication Osta | Name of Patentas or Applicant of Cited Occurrent | Pegos, Columns, Lines, Where Releva |
| tridate * | Cite No.' | Number - Kind Code [†] (if known) | M04-00-YYYY | Cities Occurrent | Passages or Relevant Figures Appear |
| 3H | | US- 6,486,518-B1 | 10-15-2002 | Maruyama et al. | |
| | | US- | | | |
| $\overline{}$ | Π | US- | | | |
| | 1 | US- | | | |
| | | US- | | | |
| | | lus. | | | |
| | | US | | | |
| | | US- | | | |
| | 1 | US- | | | |
| | | US- | | | |
| | | US- | | | |
| | | US | | | |
| | | ØS- | | | |
| | | US- | | | |
| $\overline{}$ | 7 | US- | | | |
| $\overline{}$ | | US- | | | |

| | FOREIGN PATENT DOCUMENTS | | | | | | | | |
|-----------------------|--------------------------|-------------------------------------------------------------------------------------|--------------------------------|--------------------------------|----------------------------------------------------|----------------|--|--|--|
| Examiner Initials* | | Foreign Patent Document | Name of Patentee or | Pages, Columns, Lines, | | | | | |
| | Cite No.1 | Country Code ³ - Number ⁴ - Kind Code ⁶ (# Innown) | Publication Date MM-DD-YYYY | Applicant of Cited Document | Where Relevant Passages or Relevant Figures Appear | T ⁶ | | | |
| 5H | | JP-61-083991-A | 4-28-1986 | Muto | | Y | | | |
| 3/1 | | JP-U2605696-Y2 | 6-2-2000 | Kamiyama et al. | | Y_ | | | |
| 3/1 | | JP-2000-147166A | 5-26-2000 | Maruyama et al. | | Y | | | |
| 411 | | WQ-99/54792-A1 | 10-28-1999 | Akahane et al. | | N | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| - | | | | | | | | | |
| | | | | | L 1 | | | | |

| | * | | | and the second s | |
|-----------------------|--------------|-------|-----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Examiner Signature | Seon | Karze | Date Considered | 1/10/06 | |

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the Individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Weshington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁶ Kind of document by the appropriate symbots as indicated on the document under WIPO Standard ST. 18 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached

PTO/SB/08A (10-01)
Approved for use through 10/31/2002, OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

| | DES UNE PAGESWORK POS | ucuon A | 40 | aso, no persona a | тө гесол | en prespond to a conscion of mo | mission unites a contains a visit OMB control number. | | |
|-------------------------------|-----------------------|---------|-----|-------------------|----------|---------------------------------|-------------------------------------------------------|--|--|
| Substitute for form 1449A/PTO | | | | | | Complete if Known | | | |
| INFO | RMATION | DIS | CL | Ø8URE | | Application Number | 10/764,482 | | |
| STAT | EMENT B | Y A | PP | LICANT | ધ | Filing Date | 01/27/2004 | | |
| | | | 7 | | ₹ | First Named Inventor | Tsuneaki FURUKAWA | | |
| | | | ١, | DEC 271 | ן שטי | Group Art Unit | 2859 | | |
| | (use as many she | ets es | nde | ssary) | A | Examiner Name | | | |
| Sheet | 1 | of | 1 | To Berne | 49/ | Attorney Docket Number | SE-US045005 | | |

| | | | U.S. PATENT | OCUMENTS | |
|---------------|-------------|--------------------------------------------|------------------|----------------------------------------------------|-----------------------------------------------------------------------------------------|
| Exeminer Cita | | Document Number | Publication Date | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant |
| tribiats * | Cita No. | Number - Kind Code ² (il known) | MOM-DO-YYYY | Caso Oocariishi | Pessages or Rolevant Figures Appear |
| 5h | | US-2265908-A | 12-09-1941 | Guyoto Henri Jacot | Page 1, Right-hand Column, Line 38- Page 2, Left-hand Column, Line 7; Figures 1-5 |
| 5H | | US- 3457720-A | 07-29-1969 | Peter Backman | Column 2, Line 60 - Column 3, Line 52 |
| | | US- | | | |
| | | US- | | | |
| | | US- | | | |
| | | VE | | | |
| | | US- | | | |
| | | US- | | | |
| | | US- | | | |
| | <u> </u> | US- | | | |
| | L | US- | | | <u> </u> |
| | | US- | | | |
| | | US- | | | |
| | ļ | US- | | | |
| | | 118. | • | | |
| | | US- | | | |
| | | US- | • | | |

| | | FORE | IGN PATENT | DOCUMENTS | | |
|-----------------------|--------------|----------------------------------------------------------------------------------------|-----------------------------|----------------------------------------------------|----------------------------------------------------------|----|
| Cussian | Cina | Foreign Patent Document | - | | Pages, Columns, Lines, | |
| Examiner Initials* | Cite No.1 | Country Code ³ - Number ⁴ - Kind Code ⁶ (if known) | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Where Relevant Passages or Relevant Figures Appear | T⁰ |
| SH | | EP-1118915-A | 07-25-2001 | Kanetaka Sekiguchi | Figure 12; Paragraphs 0139- 0141 | N |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | · | | | | |
| | | | | | | |
| | | 7 | | | | |

| Examiner Signature | Sen Kon | Date Considered 1 (10/06 | |
|-----------------------|---------|--------------------------|--|

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the emount of time you are required to complete this form should be sent to the Chief information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.usoto.gov or MPEP 901.04.
³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁵ Applicant is to place a check mark here if English language Translation is attached.

PTO/SB/08A (10-01)
Approved for use through 10/31/2002. OMB 0851-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
DESCOOL to a conferior of information unless it contains a value OMB control number.

| | PEINFORMATION DISCLOSURE STATEMENT BY APPLICANT | | | | Complete If Known | | |
|------|-------------------------------------------------|---|----|---|------------------------|-------------------|--|
| TP | | | | | Application Number | 10/764,482 | |
| ; | | | | | Filing Date | 01/27/2004 | |
| | 6 0 8 7005 (use as many sheets as necessary) | | | | First Named Inventor | Tsuneaki FURUKAWA | |
| us o | | | | | Group Art Unit | 2859 | |
| - | | | | | Examiner Name | | |
| 7.5 | o Seet | 1 | of | 1 | Attorney Docket Number | SE-US045005 | |

| | | _ | U.S. PATENT I | DOCUMENTS | | |
|------------|--------------|-------------------------------------------|-------------------|----------------------------------------------------|---------------------------------------------------------------------------------|--|
| Examiner | Cite No. | Document Number | Publication Date | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | |
| tritiate * | | Number - Kind Code ² (# known) | MM-DD-YYYY | | | |
| 3H | | US-20040170088-A | 09-02-2004 | Ernst Sayr | | |
| | 1 | US- | | | | |
| | | US- | | | | |
| | | TUS- | | | | |
| | | US- | | | | |
| | | US- | | | | |
| | | US- | | | | |
| | ļ | US- | | | | |
| | | US- | | | | |
| | L | US- | \longrightarrow | [| | |
| | | US- | | | | |
| | | US- | | | | |
| | | US- | | | | |
| | | US- | | | | |
| | | US- | | | | |
| | | ys | | | | |
| | | US- | | | | |
| | | US- | | | | |
| | 1 | US- | | | | |

| | | FORE | GN PATENT | DOCUMENTS | | |
|--------------------|-------------|--------------------------------------------------------------------------------------------------------------|---------------------------------|----------------------------------------------------|------------------------------------------------------------------------------------|----------------|
| Examiner tritials* | Cite No. | Foreign Patent Document Country Code ³ - Number ⁴ - Kind Code ⁵ (If Impam) | Publication Date M94-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Cotumns, Lines, Where Relevant Passages or Relevant Figures Appear | T [‡] |
| 311 | | CH-65765-A | 07-01-1914 | Horlogere Reconvlier Societe | Whole Document | N |
| SH | | WO-02093273-A | 11-21-2005 | Ernst Seyr | Figure2; Page5, Line28-Page6, Line16 | N |
| | | | | | | |
| | | | | | | |
| <u> </u> | <u> </u> | | | | | |
| | | | | | | |
| | | 1 | | ! <u>-</u> | | |

| Examiner Signature | Sem | Karsen | Date Considered | 1/10/06 | |
|-----------------------|-----|--------|--------------------|---------|--|

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case.

Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and

Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant

Commissioner for Patents, Washington, DC 20231.

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered, include copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 801.04. Applicant's timited classed the document, by the two-letter code (WPO Standard ST.3). *For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. * Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 18 if possible. * Applicant is to place a check mark here if English language Translation is attached.